

Fig. 1

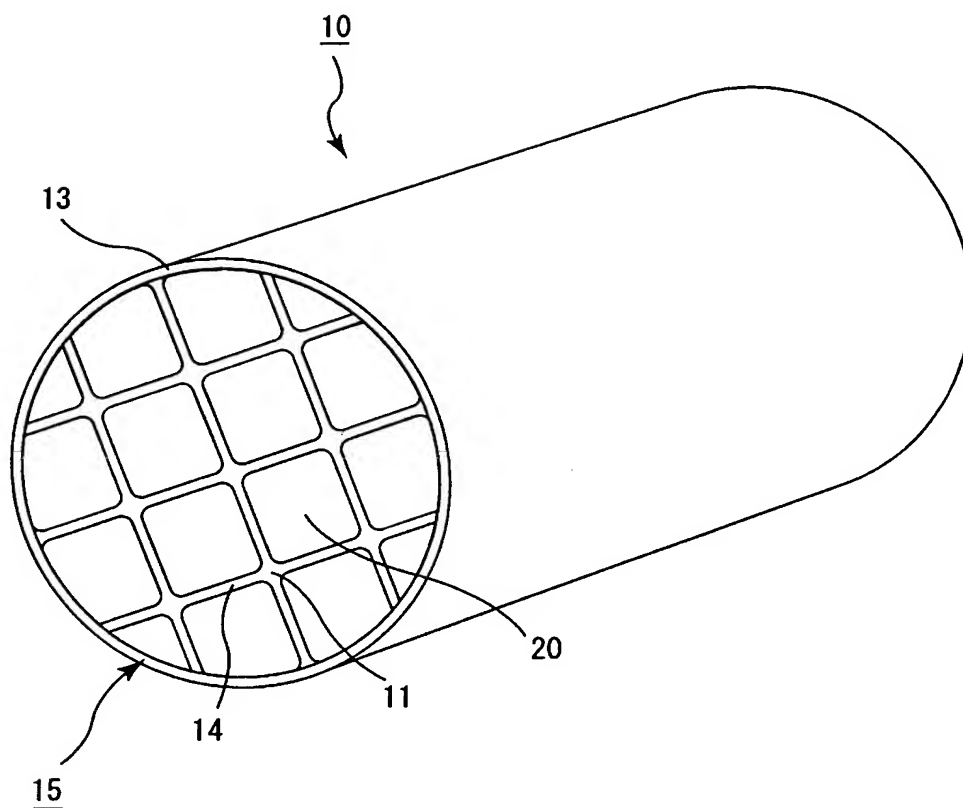
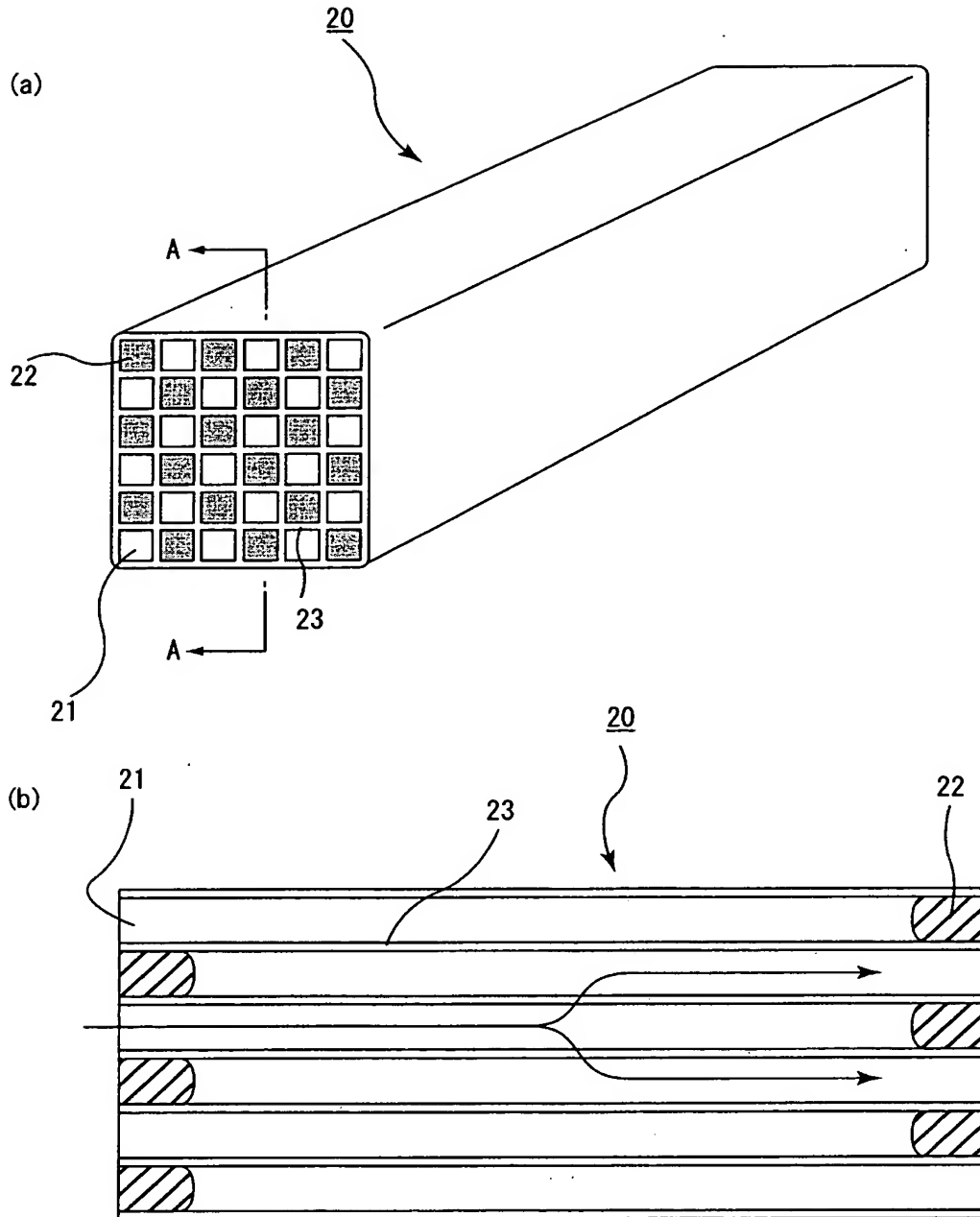


Fig. 2



Cross-sectional view taken along line A-A

Fig. 3

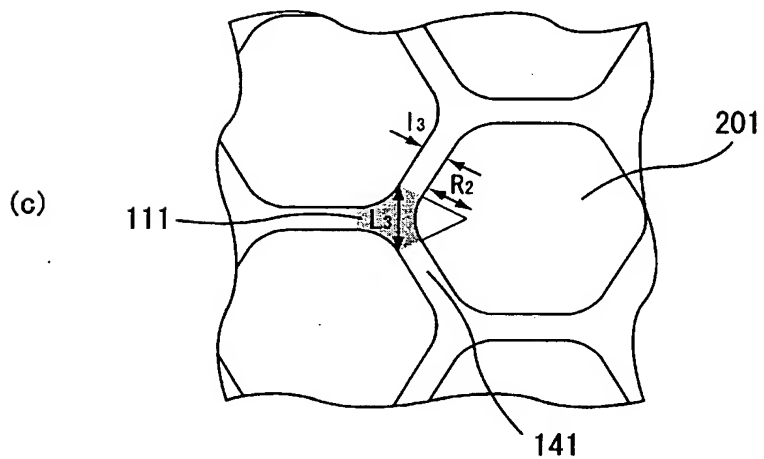
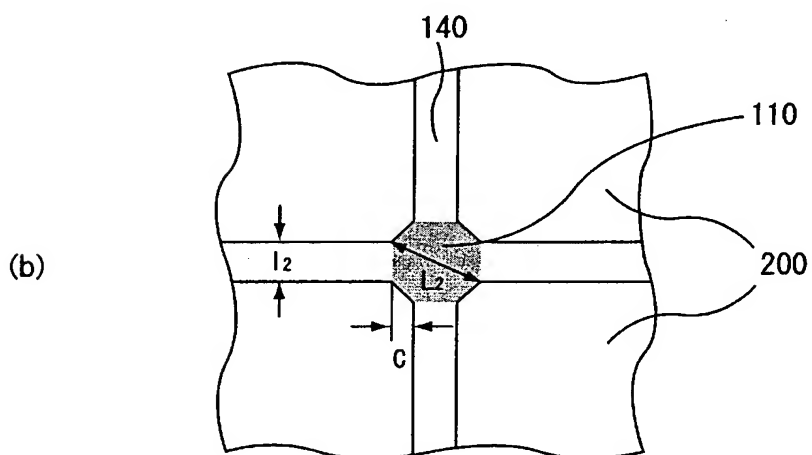
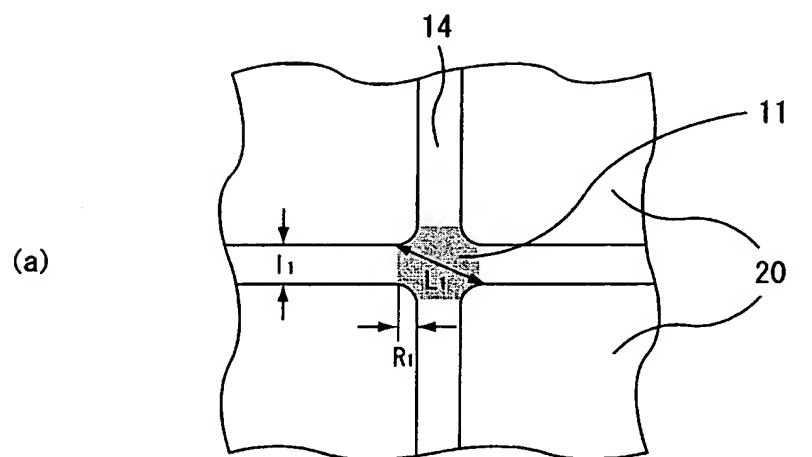


Figure 1 consists of three schematic diagrams, (a), (b), and (c), illustrating different types of fiber intersections in a woven fabric.

(a) shows a vertical fiber 142 intersecting a horizontal fiber 112. The intersection area is shaded and labeled 202. Dimensions l_4 and R_3 are indicated.

(b) shows two diagonal fibers 143 intersecting a horizontal fiber 113. The intersection area is shaded and labeled 203. Dimensions l_5 and L_5 are indicated, along with an angle α .

(c) shows two diagonal fibers 144 intersecting a horizontal fiber 114. The intersection area is shaded and labeled 204. Dimensions l_6 and L_5 are indicated.

Fig. 5

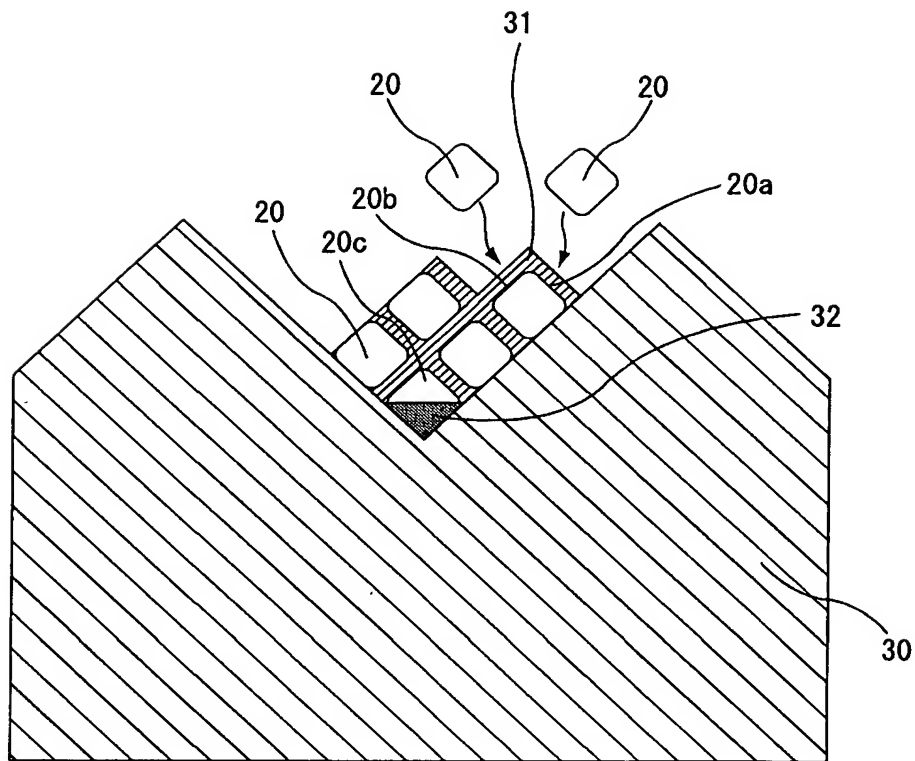


Fig. 6

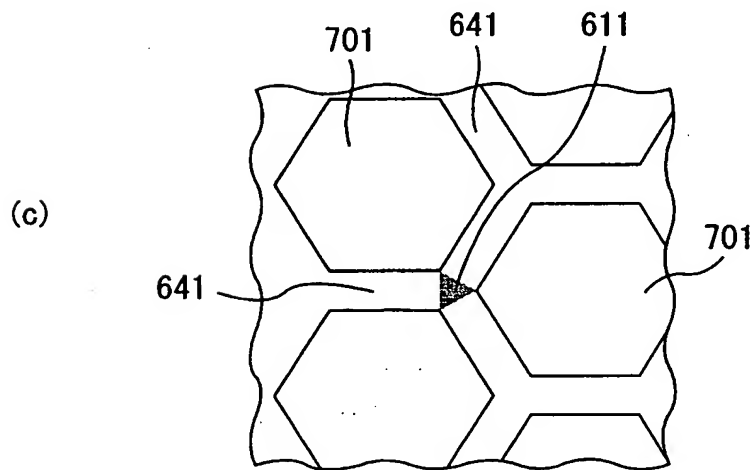
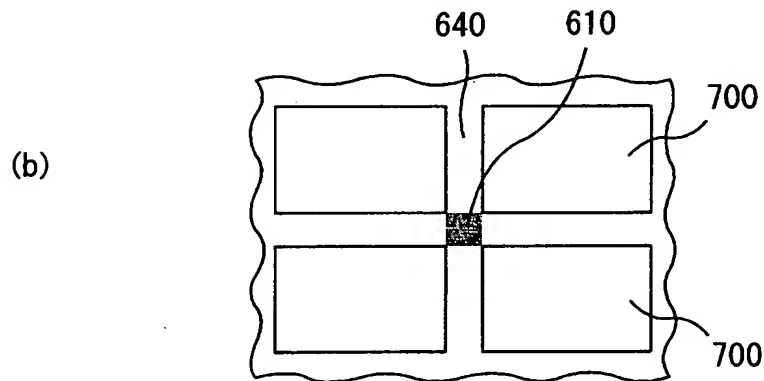
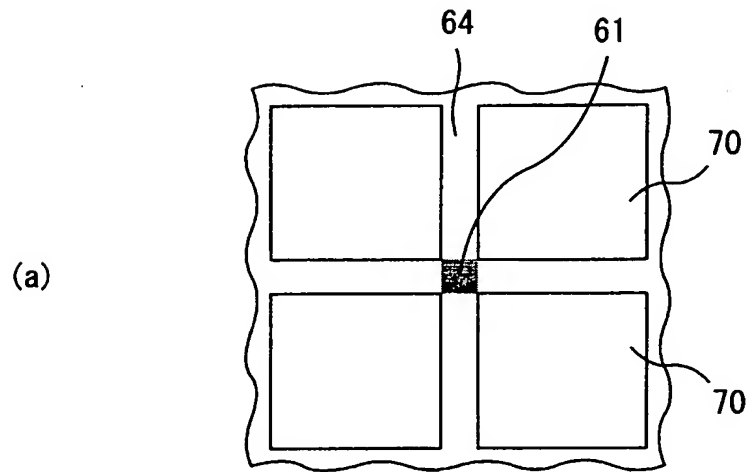


Fig. 7

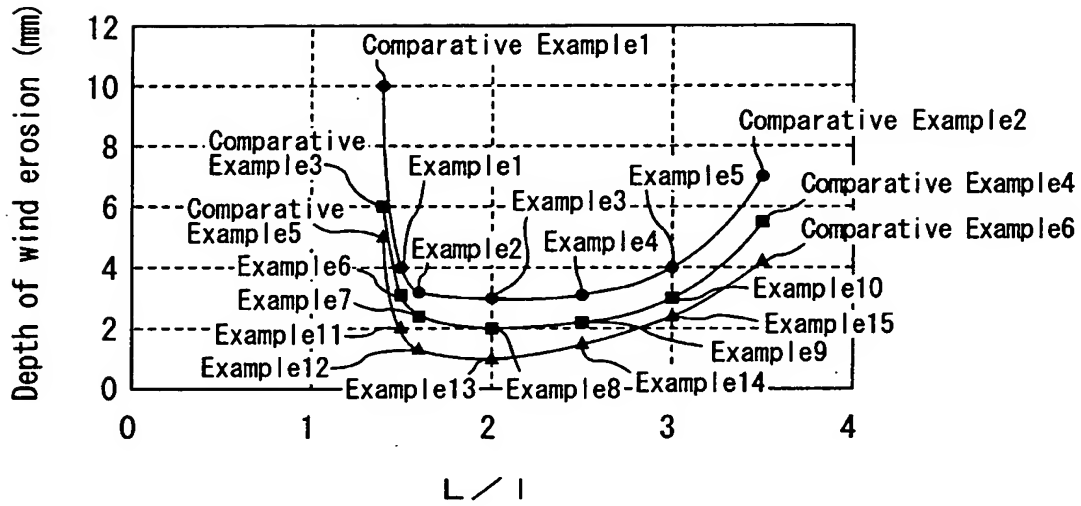


Fig. 8

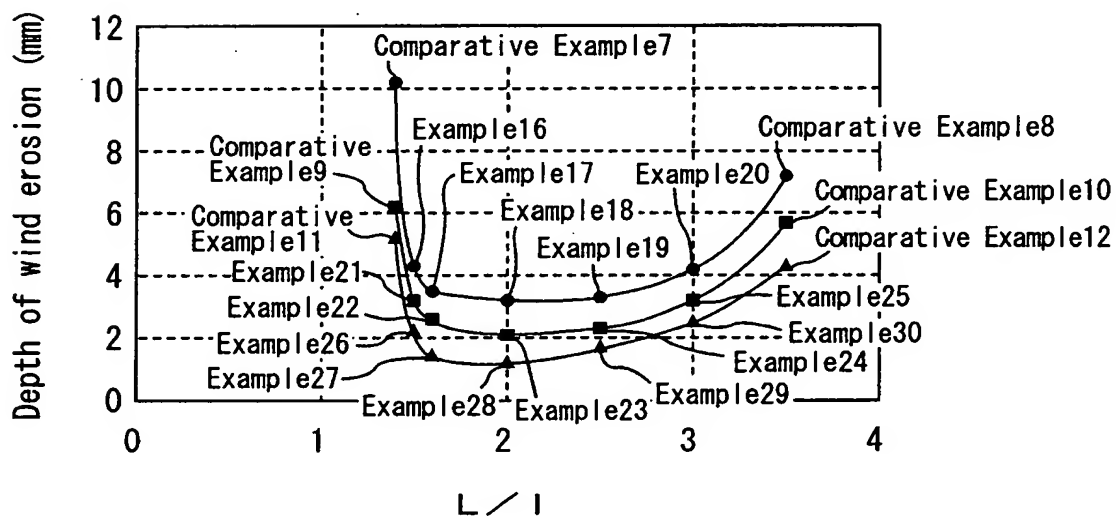


Fig. 9

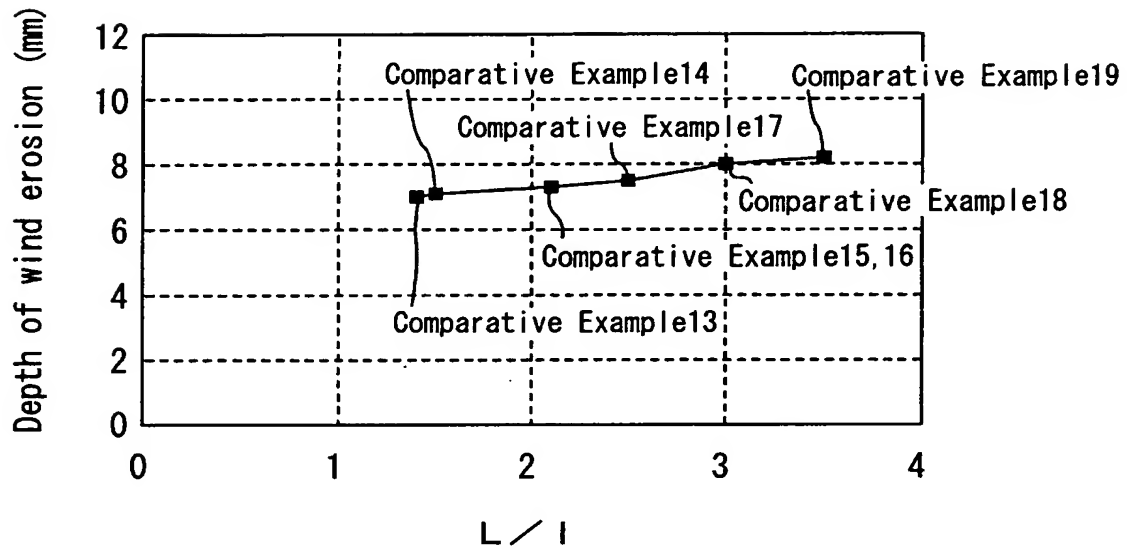


Fig. 10

